

HIGHLY ERODIBLE SOIL MAP UNITS LIST-NORMAN COUNTY, MN

C = 30

R = 80

This data is only to be used for HEL determinations.

This is the "frozen data" based on 01/01/1990 information. The columns of data should only be used for PHEL.

Area	Mapunit		T	K	I	HELC
Symbol	Symbol	Mapunit Name				
MN107	Ad	Alluvial land, occasionally flooded	5	0.24	56	NHEL
MN107	Af	Alluvial land, frequently flooded	5	0.24	56	NHEL
MN107	Ar	Arveson loam	4	0.24	86	NHEL
MN107	As	Arveson and Hamar soils, depressional	5	0.17	134	HEL
MN107	Aw	Augsburg and Wheatville loams	4	0.28	86	NHEL
MN107	BaA	Barnes loam, 0 to 2 percent slopes	5	0.28	48	NHEL
MN107	BaB	Barnes loam, 2 to 6 percent slopes	5	0.28	48	NHEL
MN107	BaB2	Barnes loam, 2 to 6 percent slopes, eroded	5	0.28	48	NHEL
MN107	BaC2	Barnes loam, 6 to 12 percent slopes, eroded	5	0.28	48	NHEL
MN107	BbB2	Barnes-Langhei loams, 2 to 6 percent slopes, eroded	5	0.32	86	NHEL
MN107	BcA	Bearden silty clay loam, 0 to 2 percent slopes	5	0.28	86	NHEL
MN107	BcB	Bearden silty clay loam, 2 to 6 percent slopes	5	0.28	86	NHEL
MN107	BcC2	Bearden silty clay loam, 2 to 8 percent slopes, eroded	5	0.28	86	NHEL
MN107	Bf	Bearden-Fargo silty clay loams	5	0.28	86	NHEL
MN107	Bo	Borup loam, depressional	4	0.28	86	NHEL
MN107	Bp	Borup and Glyndon loams	4	0.28	86	NHEL
MN107	Br	Breaks and Alluvial land	5	0.28	86	NHEL
MN107	CaA	Cashel silty clay, 0 to 2 percent slopes	5	0.32	86	NHEL
MN107	CaC	Cashel silty clay, 2 to 8 percent slopes	5	0.32	86	NHEL
MN107	Cb	Cathro muck	5	--	134	HEL
MN107	Cn	Colvin silty clay loam	5	0.32	86	NHEL
MN107	Co	Colvin silty clay loam, depressional	5	0.32	86	NHEL
MN107	DaB	Darnen silt loam, 1 to 4 percent slopes	5	0.28	48	NHEL
MN107	Du	Dune land	5	0.15	250	HEL
MN107	FaA	Fargo silty clay loam, 0 to 1 percent slopes	5	0.32	38	NHEL
MN107	FaB	Fargo silty clay loam, 1 to 6 percent slopes	5	0.32	86	NHEL
MN107	FcA	Fargo silty clay, 0 to 1 percent slopes	5	0.32	86	NHEL

MN107	FcB	Fargo silty clay, 1 to 6 percent slopes	5	0.32	86	NHEL
MN107	Fd	Fargo silty clay, depressional	5	0.32	86	NHEL
MN107	Ff	Flaming loamy fine sand, wind eroded	5	0.17	134	HEL
MN107	Fh	Flaming, Hamar, and Arveson soils	5	0.17	134	HEL
MN107	Fm	Flom silty clay loam	5	0.28	48	NHEL
MN107	Fv	Flom and Vallers soils, depressional	5	0.28	86	NHEL
MN107	FxA	Foxhome loam, 0 to 3 percent slopes	3	0.20	56	NHEL
MN107	GIA	Glyndon loam, 0 to 2 percent slopes	5	0.28	86	NHEL
MN107	GIB	Glyndon loam, 2 to 6 percent slopes	5	0.28	86	NHEL
MN107	Gn	Glyndon loam, wind eroded	5	0.28	86	NHEL
MN107	Gp	Gravel pits	5	0.02	134	HEL
MN107	Gr	Grimstad fine sandy loam	5	0.20	86	NHEL
MN107	Ha	Hamar loamy fine sand	5	0.17	134	HEL
MN107	HeA	Hamerly silt loam, 0 to 1 percent slopes	5	0.28	86	NHEL
MN107	HeB	Hamerly silt loam, 1 to 5 percent slopes	5	0.28	86	NHEL
MN107	Hm	Hamerly-Vallers silt loams	5	0.28	86	NHEL
MN107	Hn	Hangaard sandy loam	2	0.20	86	HEL
MN107	Ho	Hegne-Fargo silty clays	5	0.32	86	NHEL
MN107	Hv	Hegne-Viking complex	5	0.32	86	NHEL
MN107	INT	Water, intermittent				
MN107	KsA	Kittson loam, 0 to 2 percent slopes	5	0.24	56	NHEL
MN107	KsC	Kittson loam, 2 to 8 percent slopes	5	0.24	56	NHEL
MN107	KtA	Kittson loam, uplands, 0 to 1 percent slopes	5	0.24	56	NHEL
MN107	KtB	Kittson loam, uplands, 1 to 5 percent slopes	5	0.24	56	NHEL
MN107	LbC2	Langhei-Barnes loams, 6 to 12 percent slopes, eroded	5	0.32	86	PHEL
MN107	LbD2	Langhei-Barnes loams, 12 to 18 percent slopes, eroded	5	0.32	86	HEL
MN107	LbE	Langhei-Barnes loams, 18 to 30 percent slopes	5	0.32	86	HEL
MN107	M-W	Water, miscellaneous				
MN107	MaA	Maddock loamy fine sand, 0 to 2 percent slopes	5	0.17	134	HEL
MN107	MaC	Maddock loamy fine sand, 2 to 8 percent slopes	5	0.17	134	HEL
MN107	Me	Markey muck	4	--	134	HEL
MN107	Mh	Marsh	5	--	--	NHEL
MN107	Mm	Mavie loam	3	0.24	86	HEL
MN107	PB	Pits, borrow	--	--	--	NHEL

MN107	Po	Poppleton loamy fine sand	5	0.15	134	HEL
MN107	Rc	Rockwell fine sandy loam	5	0.20	86	NHEL
MN107	Rk	Rockwell and Kratka soils, depressional	5	0.20	86	NHEL
MN107	Ro	Roliss loam	5	0.28	48	NHEL
MN107	Rs	Roliss loam, depressional	5	0.28	48	NHEL
MN107	Ru	Rondeau muck	5	--	134	HEL
MN107	Sc	Seelyeville muck	5	--	134	HEL
MN107	SdA	Sioux sandy loam, 0 to 2 percent slopes	2	0.20	86	HEL
MN107	SdB	Sioux sandy loam, 2 to 6 percent slopes	2	0.20	86	HEL
MN107	SgA	Sioux gravelly sandy loam, 0 to 2 percent slopes	2	0.20	--	NHEL
MN107	SgC	Sioux gravelly sandy loam, 2 to 8 percent slopes	2	0.20	--	NHEL
MN107	SmE	Sioux and Maddock soils, 12 to 36 percent slopes	2	0.20	86	HEL
MN107	SnA	Sverdrup fine sandy loam, 0 to 2 percent slopes	4	0.20	86	NHEL
MN107	SnC	Sverdrup fine sandy loam, 2 to 8 percent slopes	4	0.20	86	NHEL
MN107	SwA	Swenoda fine sandy loam, 0 to 2 percent slopes	5	0.20	86	NHEL
MN107	SwC	Swenoda fine sandy loam, 2 to 8 percent slopes	5	0.20	86	NHEL
MN107	Sy	Syrene sandy loam	3	0.20	86	HEL
MN107	To	Towner loamy fine sand	5	0.17	134	HEL
MN107	UIA	Ulen fine sandy loam, 0 to 2 percent slopes	5	0.20	86	NHEL
MN107	Un	Ulen fine sandy loam, wind eroded	5	0.20	86	NHEL
MN107	Va	Vallers silt loam	5	0.28	86	NHEL
MN107	Vd	Vallers silt loam, depressional	5	0.28	86	NHEL
MN107	Vk	Viking clay loam	5	0.32	86	NHEL
MN107	W	Water				
MN107	WaA	Wahpeton silty clay, 0 to 2 percent slopes	5	0.28	86	NHEL
MN107	WaB	Wahpeton silty clay, 2 to 6 percent slopes	5	0.28	86	NHEL
MN107	WaC	Wahpeton silty clay, 6 to 12 percent slopes	5	0.28	86	NHEL
MN107	WkA	Waukon loam, 0 to 2 percent slopes	5	0.24	48	NHEL
MN107	WkB	Waukon loam, 2 to 6 percent slopes	5	0.24	48	NHEL
MN107	WkB2	Waukon loam, 2 to 6 percent slopes, eroded	5	0.24	48	NHEL
MN107	WkC	Waukon loam, 6 to 12 percent slopes	5	0.24	48	NHEL
MN107	WkD	Waukon loam, 12 to 18 percent slopes	5	0.24	48	HEL
MN107	Wm	Wheatville loam	4	0.28	86	NHEL